

Data File : VV010794.D
Acq On : 10 May 2019 04:41
Operator : SY/MD
Sample : K2737-02
Misc : 3.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB850

Quant Time: May 10 07:58:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	95372	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92469	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	36650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23840	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.36%
7) Chloroethane-d5	1.56	69	23138	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
10) 1,1-Dichloroethene-d2	2.12	63	43850	13.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.56%
20) 2-Butanone-d5	3.92	46	17010	38.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.52%
24) Chloroform-d	4.39	84	49152	18.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.08	65	34480	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.92%
29) Benzene-d6	5.09	84	101803	20.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.68%
33) 1,2-Dichloropropane-d6	6.11	67	34233	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.28%
37) Toluene-d8	7.36	98	88211	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.72%
38) trans-1,3-Dichloropropene-	7.66	79	11537	16.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.28%
39) 2-Hexanone-d5	8.13	63	11202	34.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	26028	17.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	30507	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

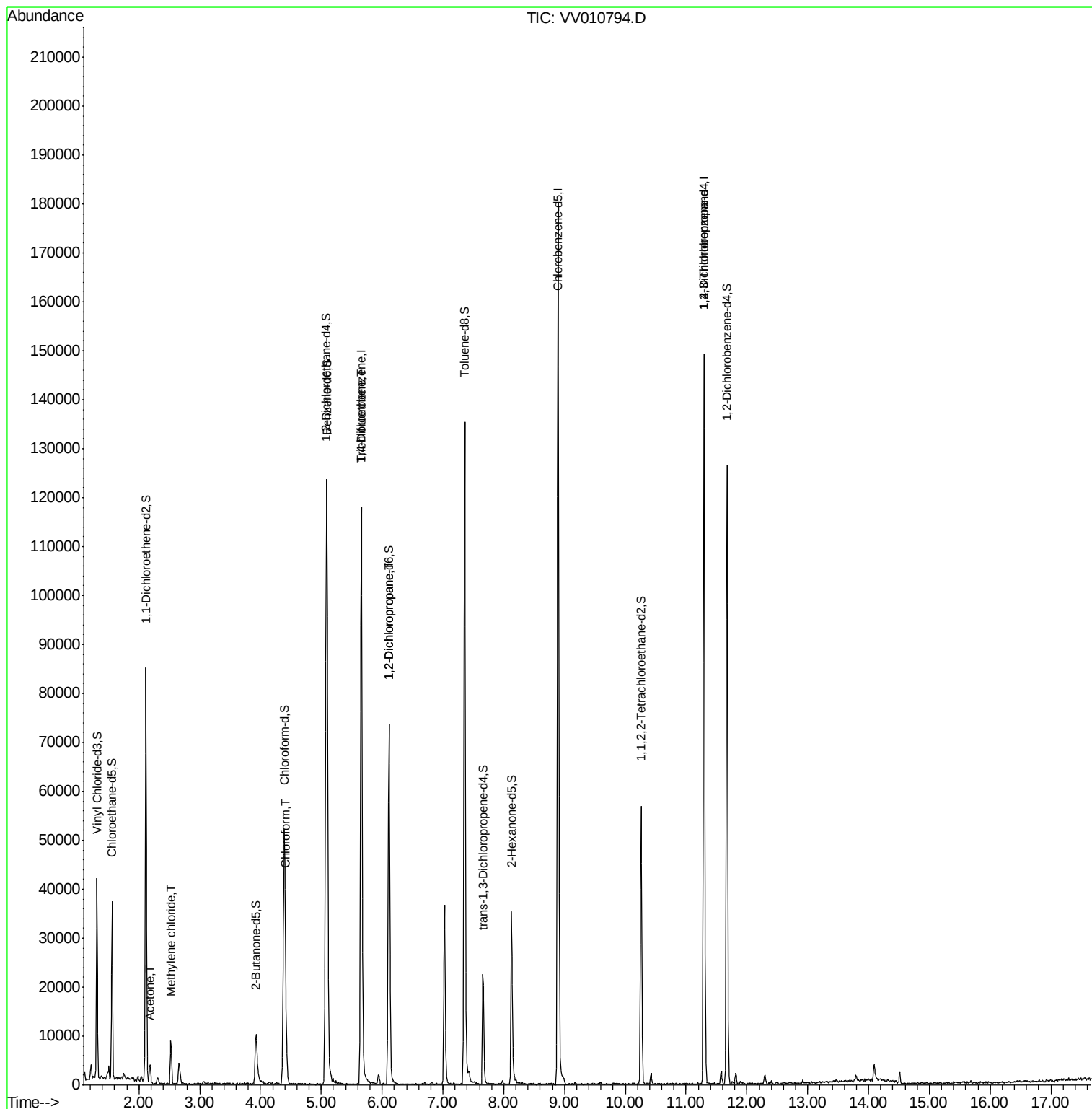
					Qvalue
13) Acetone	2.18	43	3857	5.604 ug/L	91
16) Methylene chloride	2.52	84	3435	2.329 ug/L	96
25) Chloroform	4.42	83	5578	1.932 ug/L	81
35) Trichloroethene	5.66	95	3070	2.019 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4081	2.826 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	4932	4.066 ug/L #	84

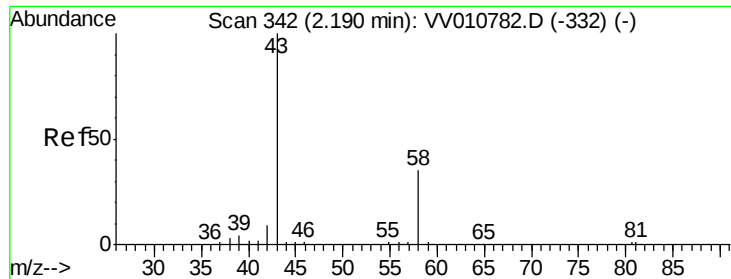
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.604 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Acq: 10 May 2019 04:41

Instrument :

MSVOA_V

ClientSampled :

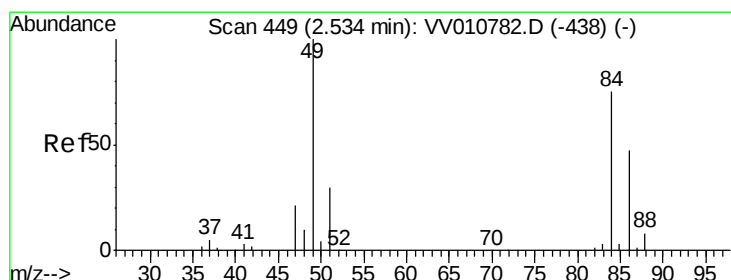
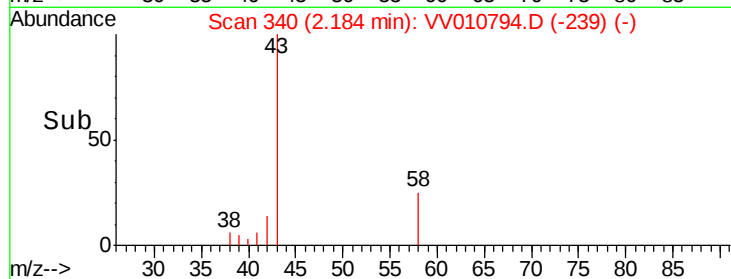
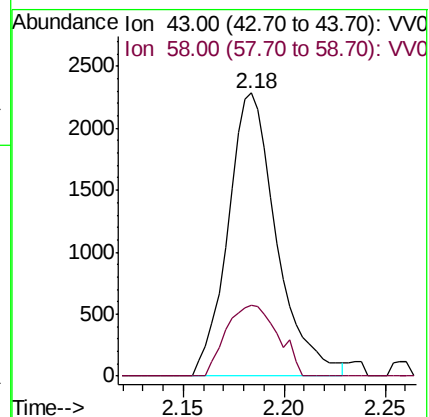
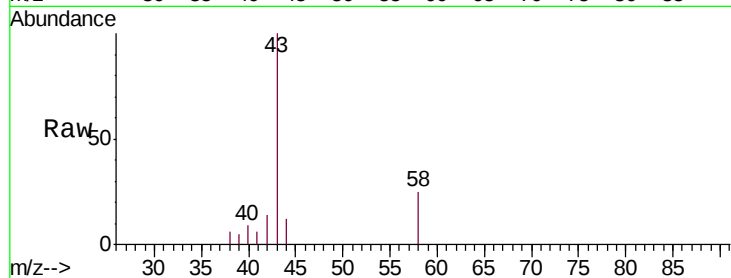
DB850

Tgt Ion: 43 Resp: 3857

Ion Ratio Lower Upper

43 100

58 26.5 0.0 63.4



#16

Methylene chloride

Concen: 2.329 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

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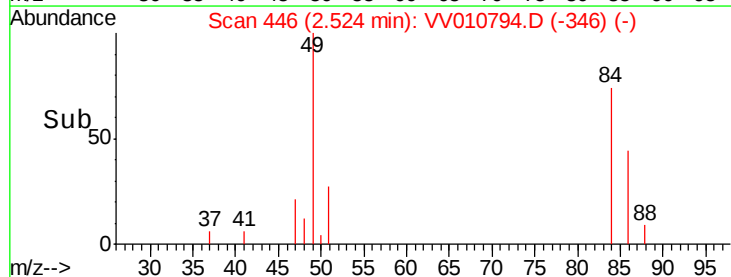
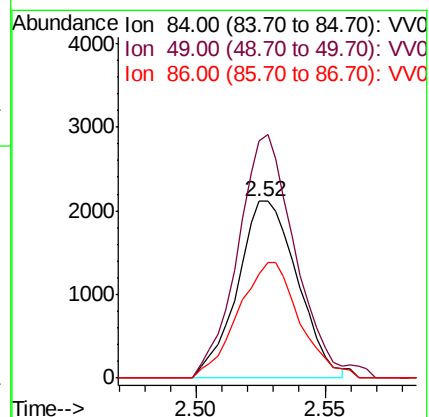
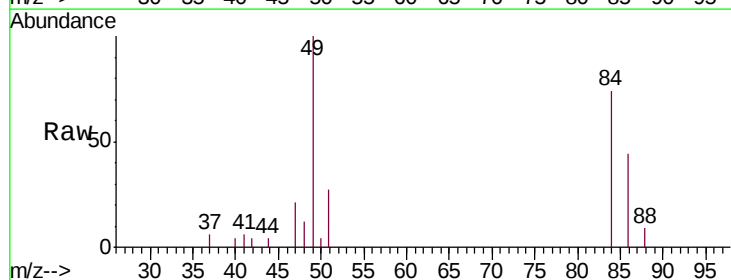
Tgt Ion: 84 Resp: 3435

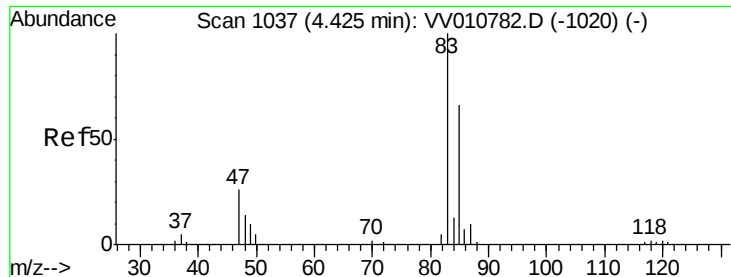
Ion Ratio Lower Upper

84 100

49 134.5 92.9 172.5

86 58.9 46.5 86.5





#25

Chloroform

Concen: 1.932 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

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Acq: 10 May 2019 04:41

Instrument :

MSVOA_V

ClientSampleId :

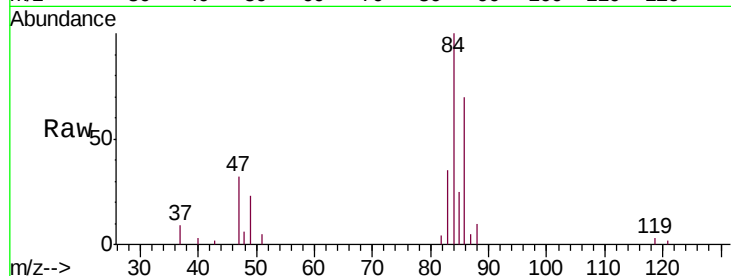
DB850

Tgt Ion: 83 Resp: 5578

Ion Ratio Lower Upper

83 100

85 78.3 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010782.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010782.D (-1020) (-)

4.42

2000

1500

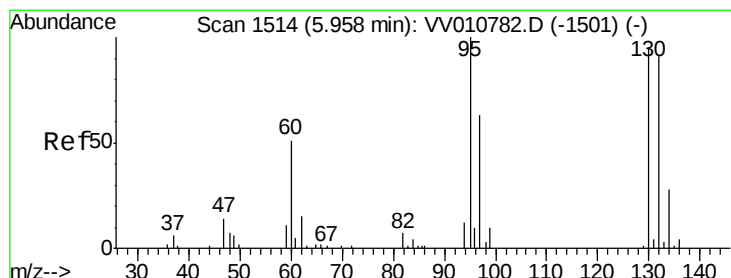
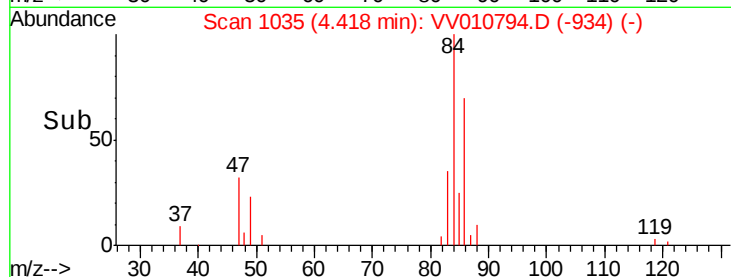
1000

500

0

4.35 4.40 4.45

Time-->



#35

Trichloroethene

Concen: 2.019 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV010794.D

Acq: 10 May 2019 04:41

Tgt Ion: 95 Resp: 3070

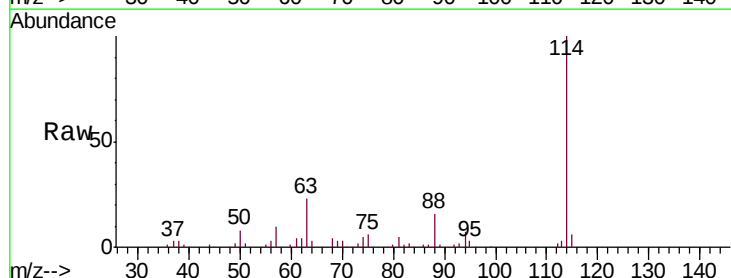
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010782.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV010782.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV010782.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV010782.D (-1501) (-)

5.66

2000

1500

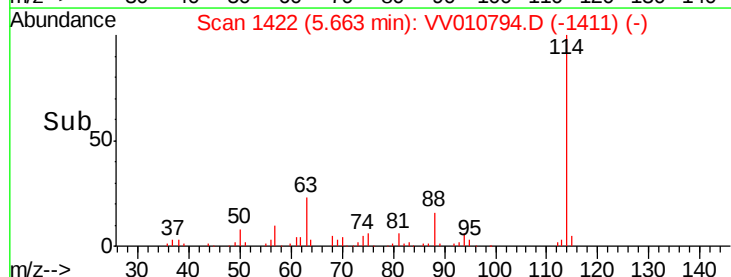
1000

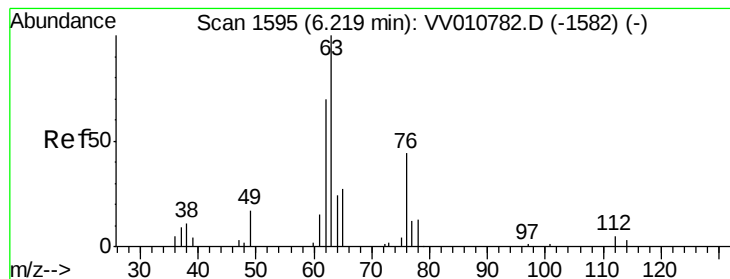
500

0

5.65 5.70

Time-->





#40

1,2-Dichloropropane

Concen: 2.826 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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MSVOA_V

ClientSampleID :

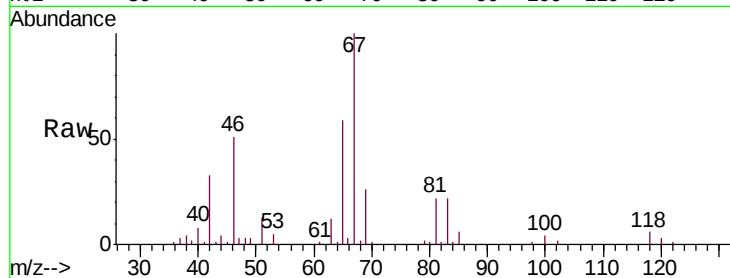
DB850

Tgt Ion: 63 Resp: 4081

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010782.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010782.D (-1582) (-)

6.11

2500

2000

1500

1000

500

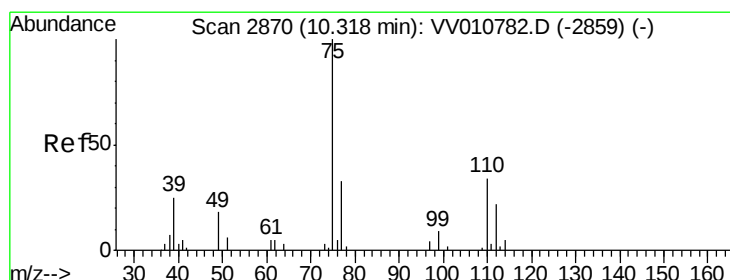
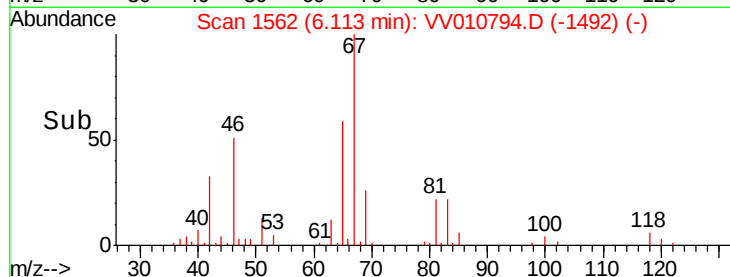
0

6.05

6.10

6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.066 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010794.D

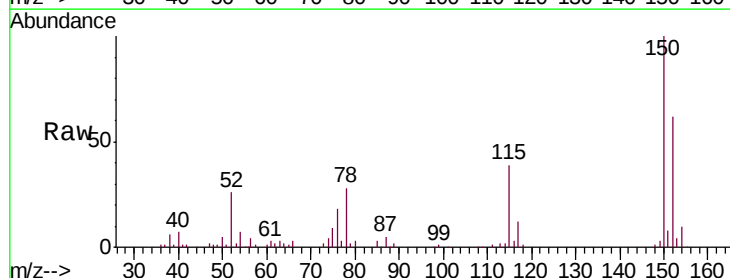
Acq: 10 May 2019 04:41

Tgt Ion: 75 Resp: 4932

Ion Ratio Lower Upper

75 100

77 40.1 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010782.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010782.D (-2859) (-)

11.29

3000

2000

1000

0

11.25

11.30

11.35

Time-->

